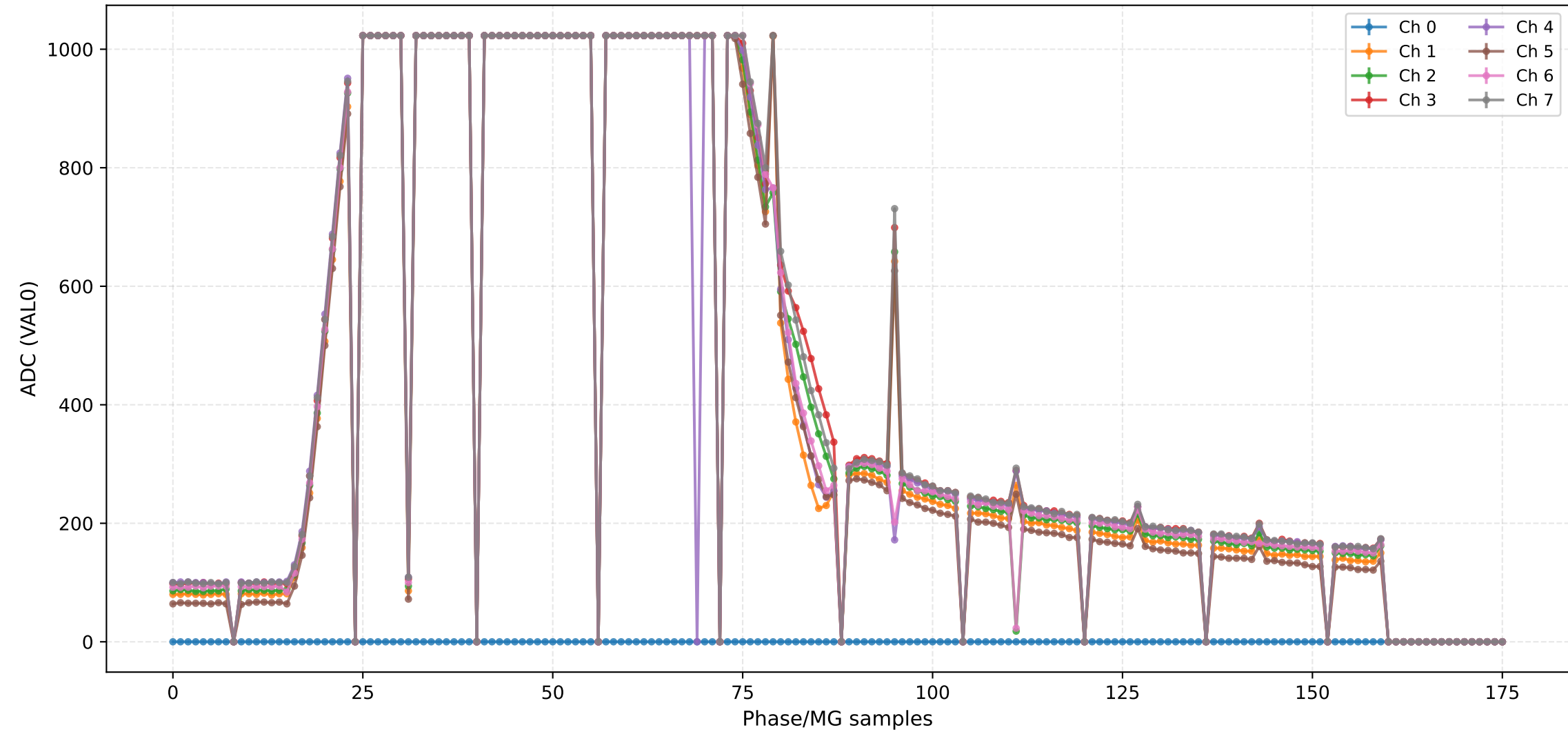


## ADC (VAL0) - Channels 0 to 7



## ADC (VAL0) - Channels 8 to 15



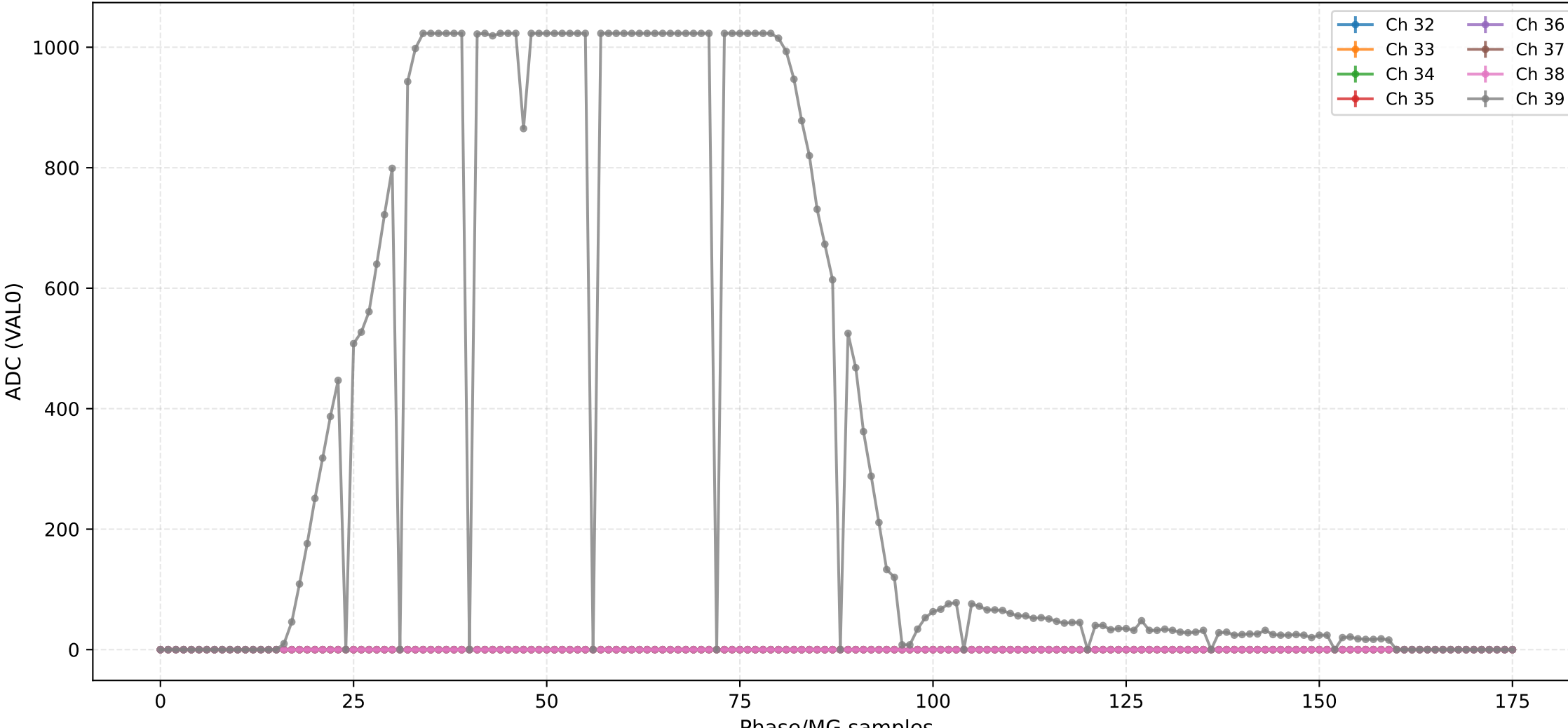
## ADC (VAL0) - Channels 16 to 23



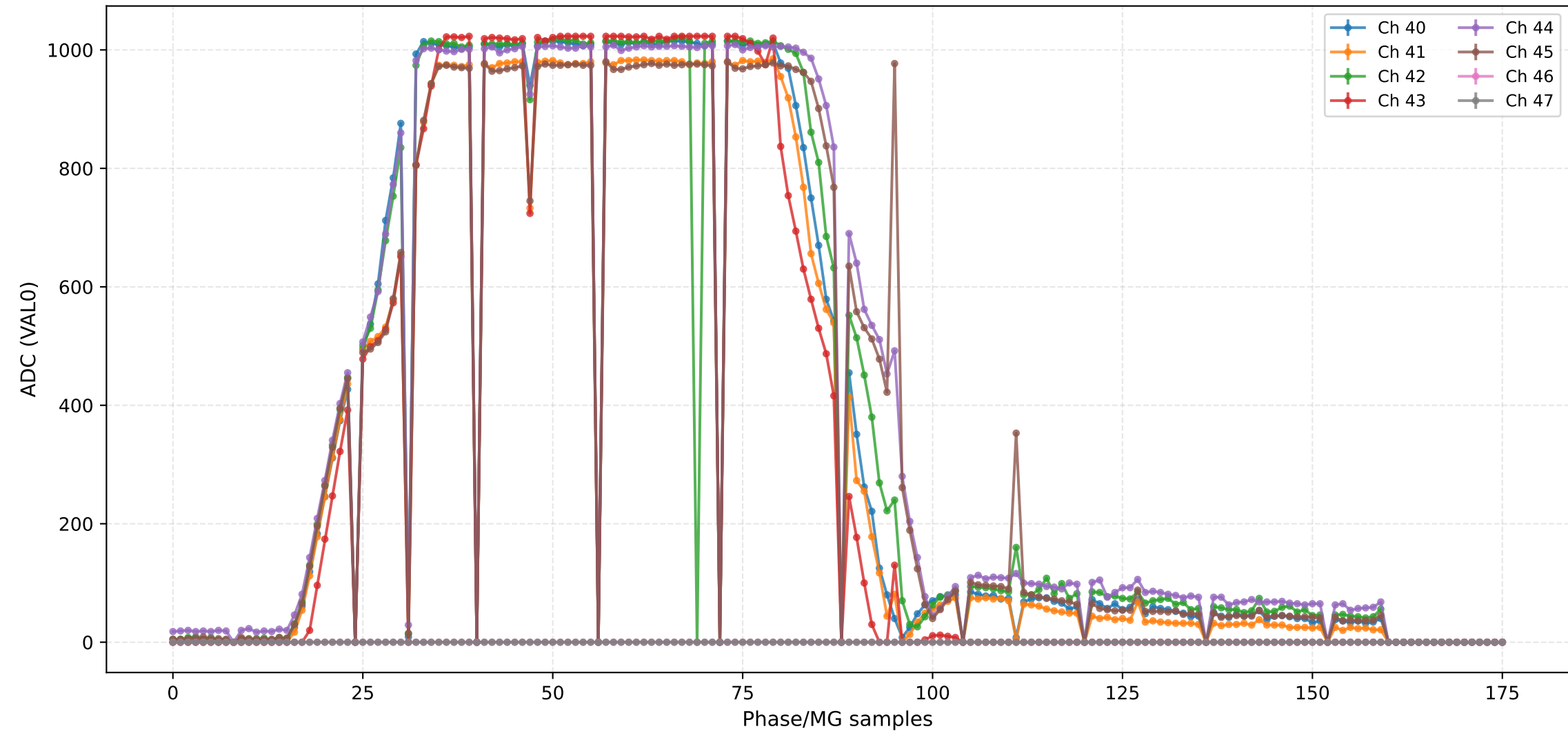
## ADC (VAL0) - Channels 24 to 31



## ADC (VAL0) - Channels 32 to 39



ADC (VAL0) - Channels 40 to 47



### ADC (VAL0) - Channels 48 to 55



## ADC (VAL0) - Channels 56 to 63

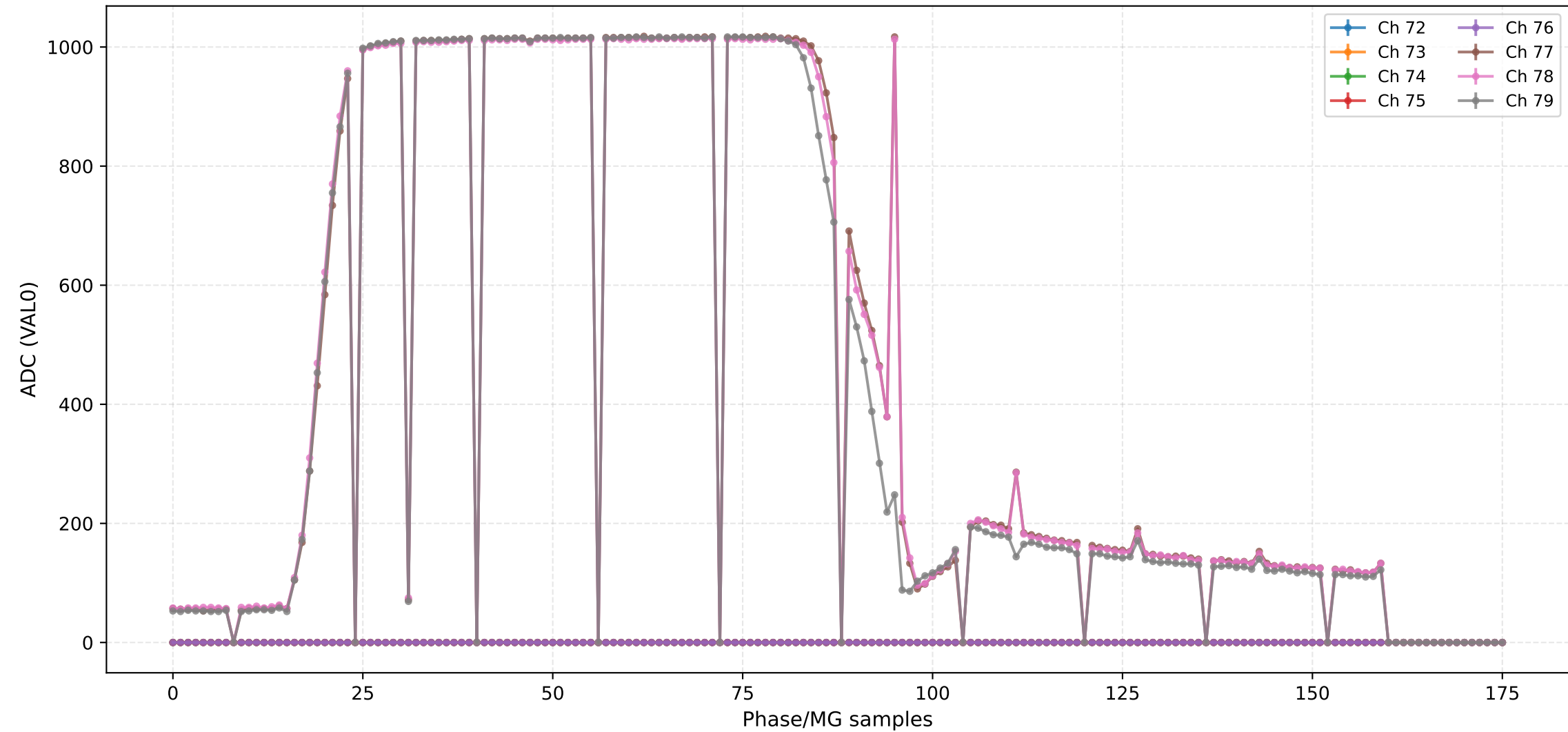




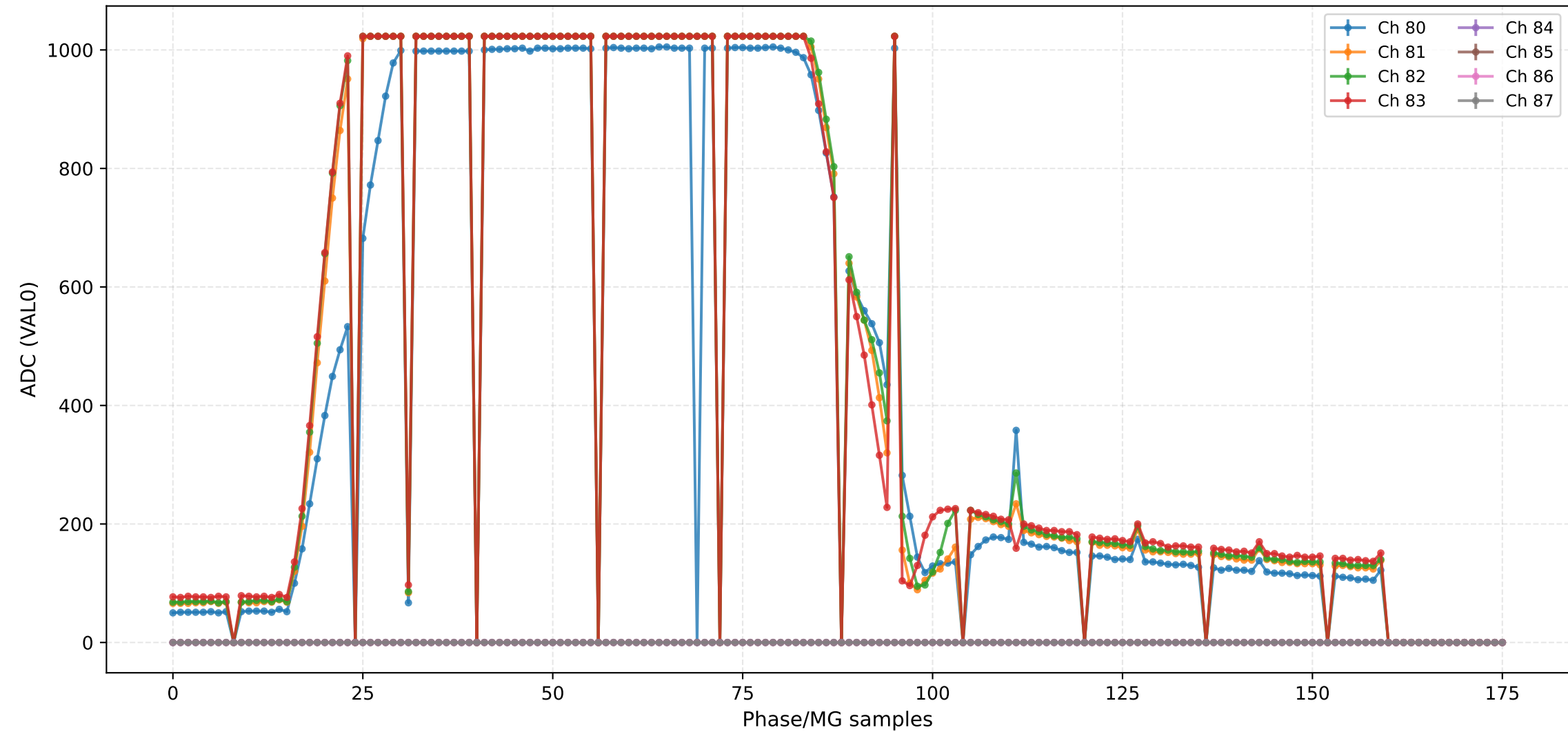
### ADC (VAL0) - Channels 64 to 71



ADC (VAL0) - Channels 72 to 79



## ADC (VAL0) - Channels 80 to 87



### ADC (VAL0) - Channels 88 to 95



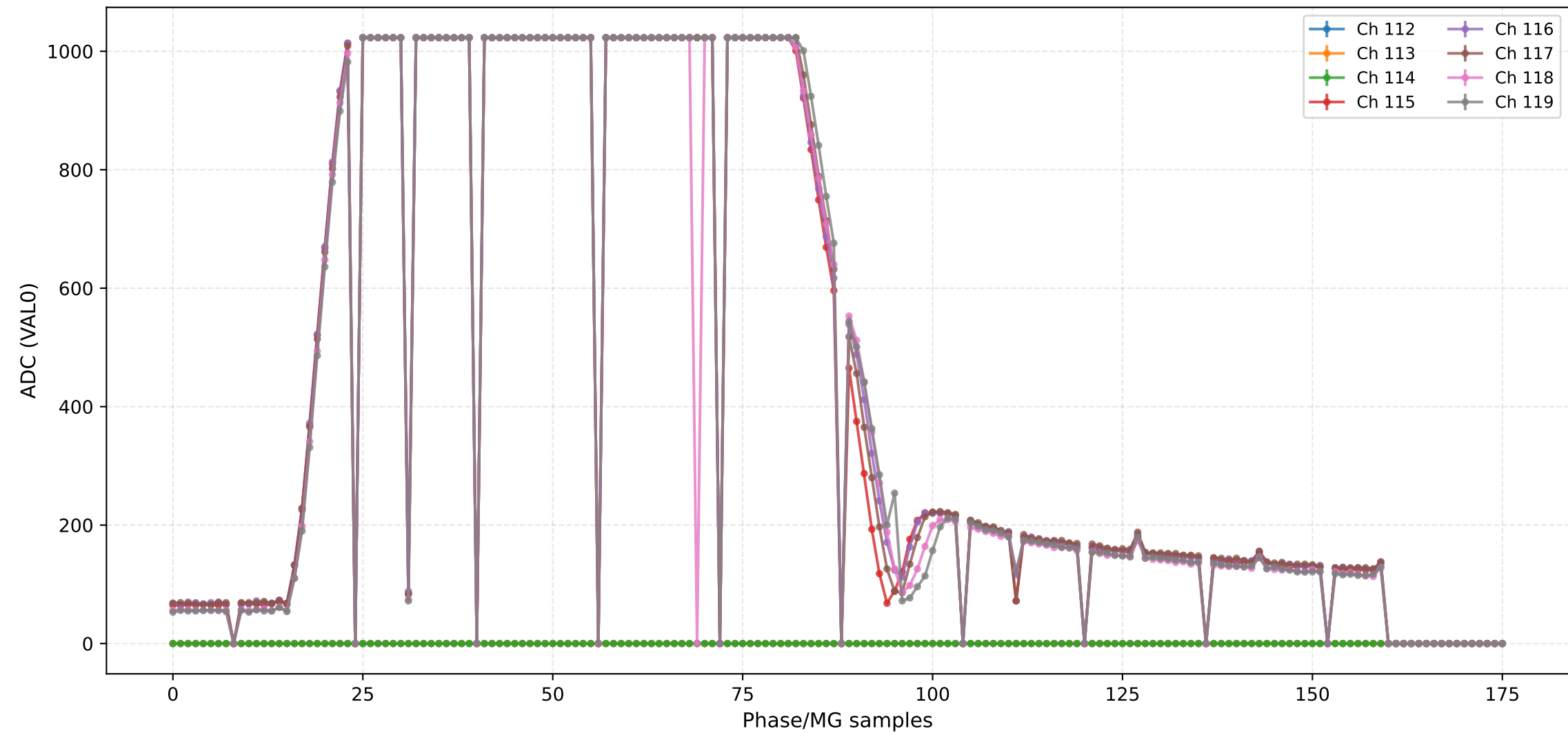
### ADC (VAL0) - Channels 96 to 103



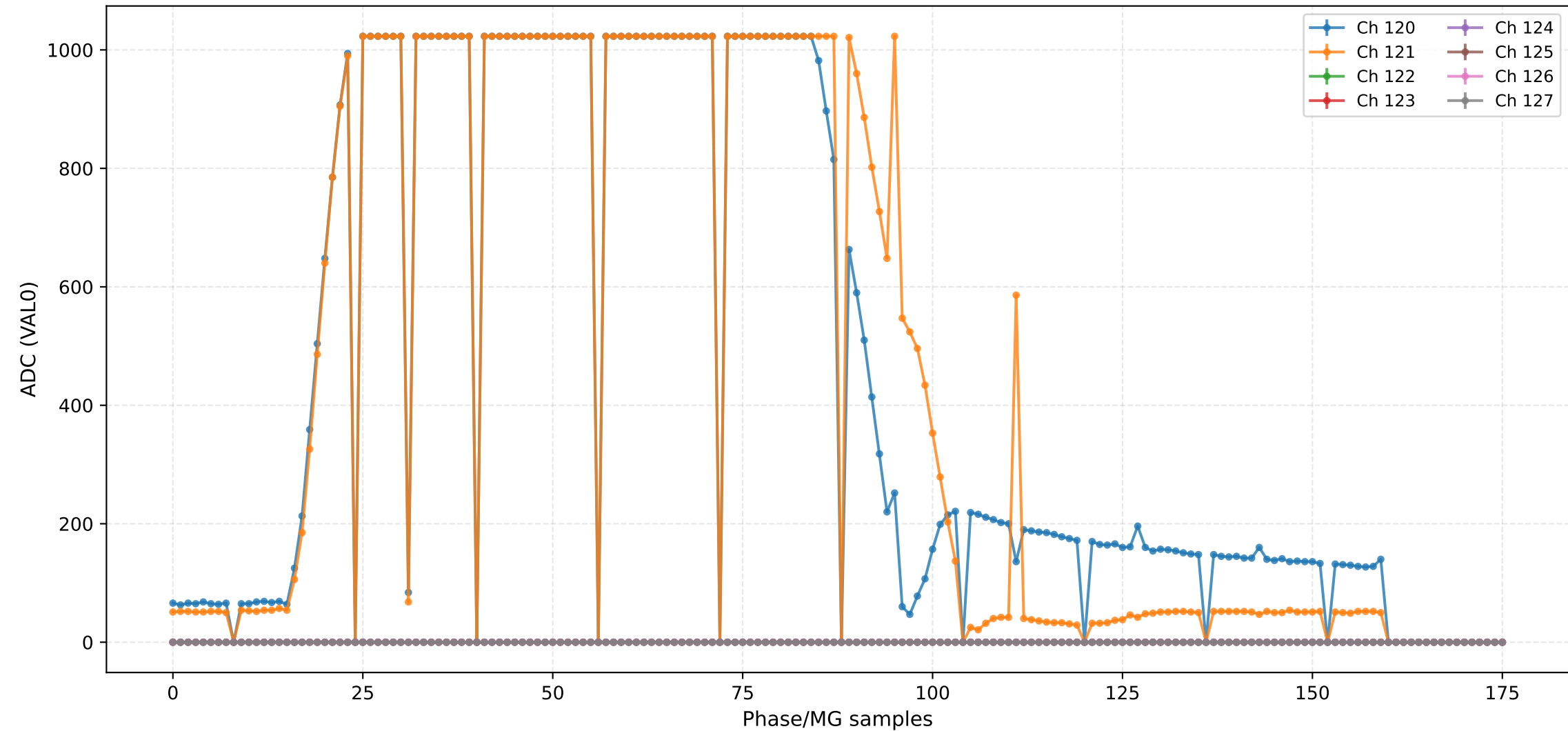
### ADC (VAL0) - Channels 104 to 111



### ADC (VAL0) - Channels 112 to 119



ADC (VAL0) - Channels 120 to 127





## ADC (VAL0) - Channels 128 to 135



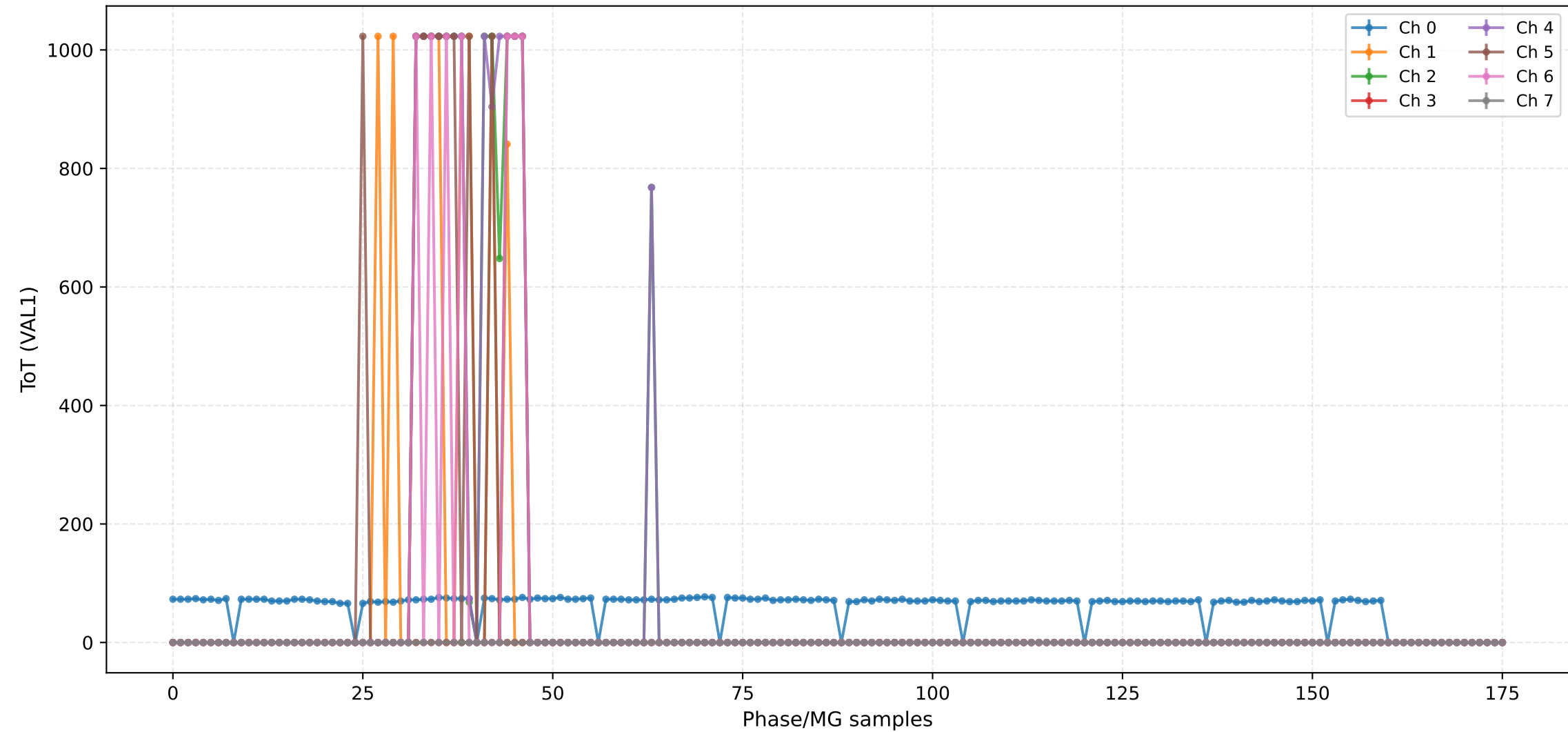
## ADC (VAL0) - Channels 136 to 143



### ADC (VAL0) - Channels 144 to 151



ToT (VAL1) - Channels 0 to 7



## ToT (VAL1) - Channels 8 to 15



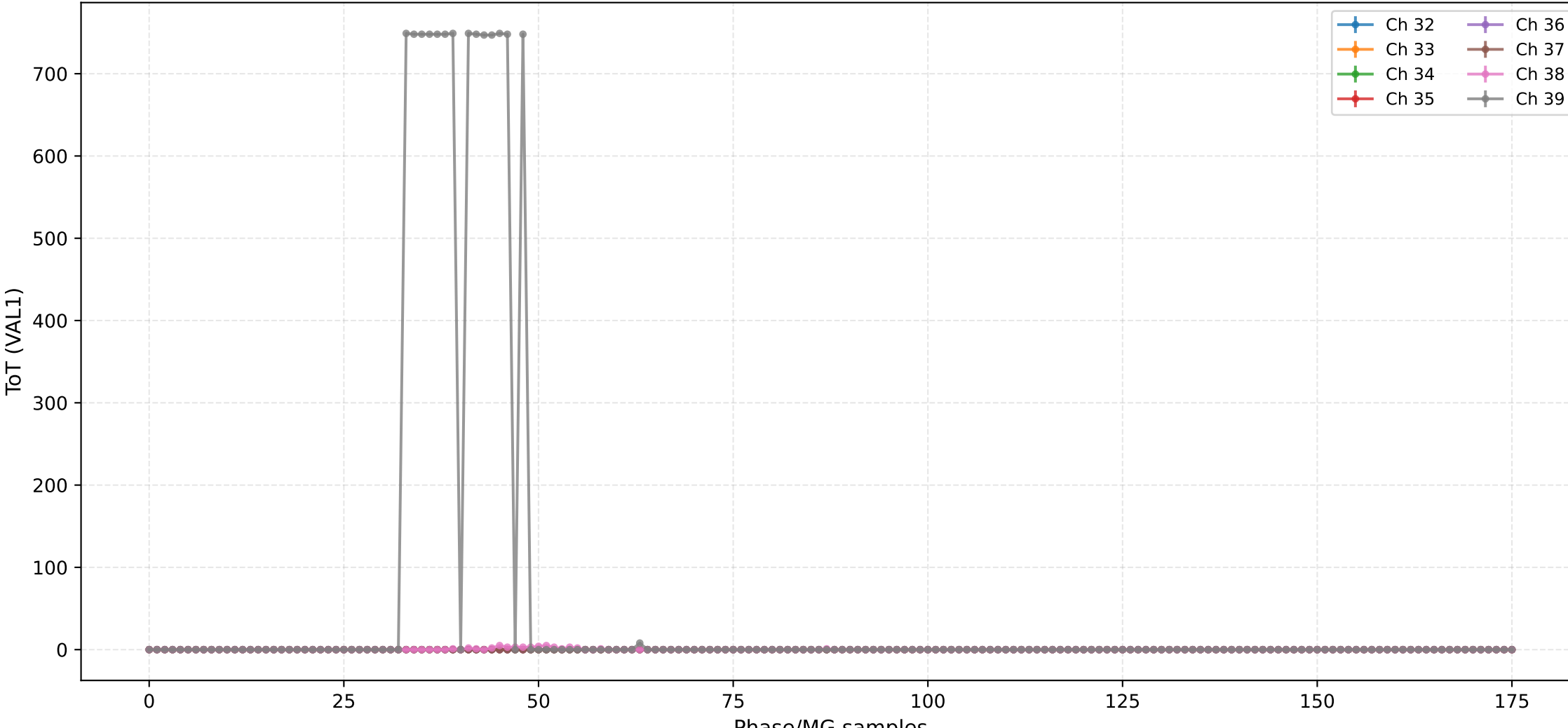
### ToT (VAL1) - Channels 16 to 23



### ToT (VAL1) - Channels 24 to 31



## ToT (VAL1) - Channels 32 to 39







ToT (VAL1) - Channels 48 to 55



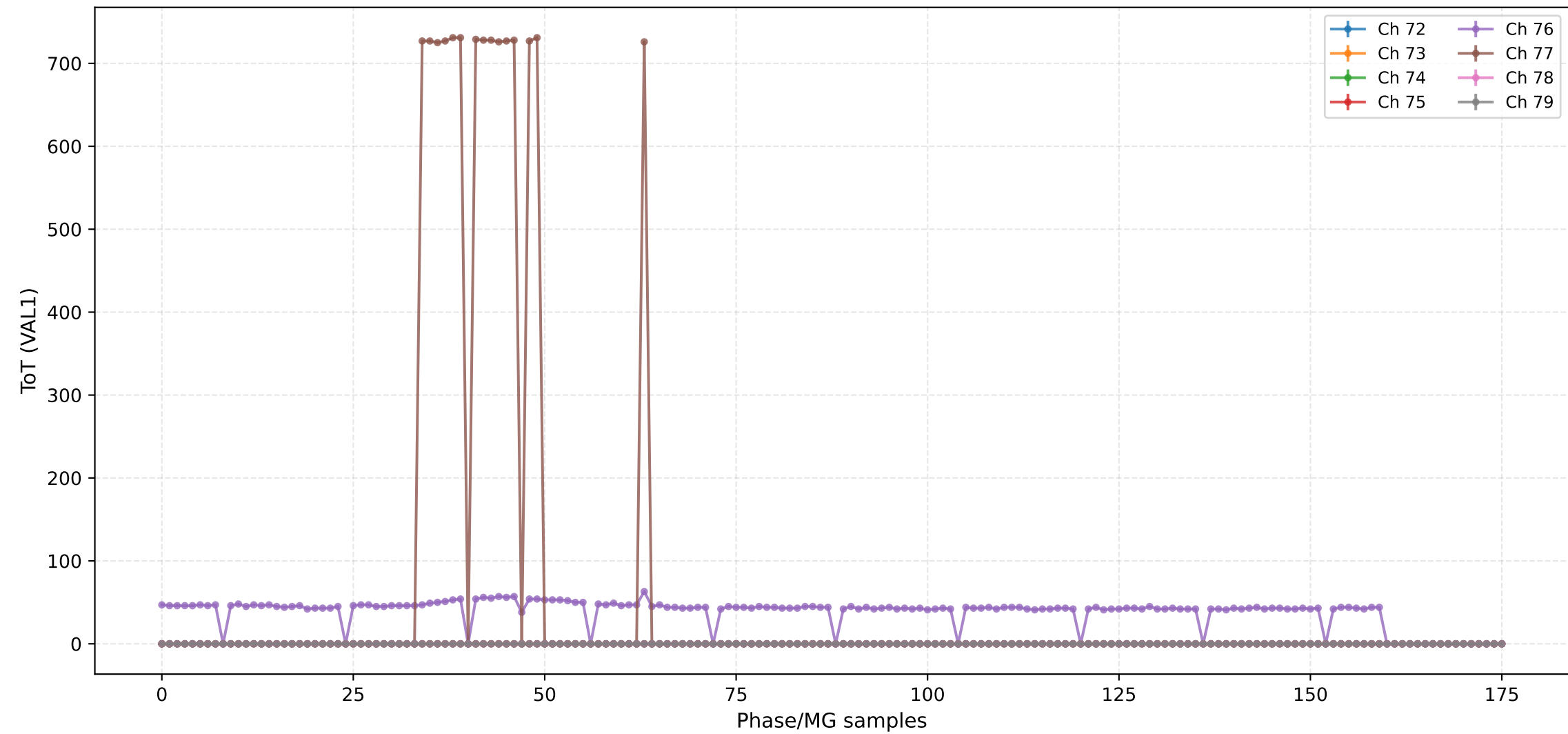
### ToT (VAL1) - Channels 56 to 63



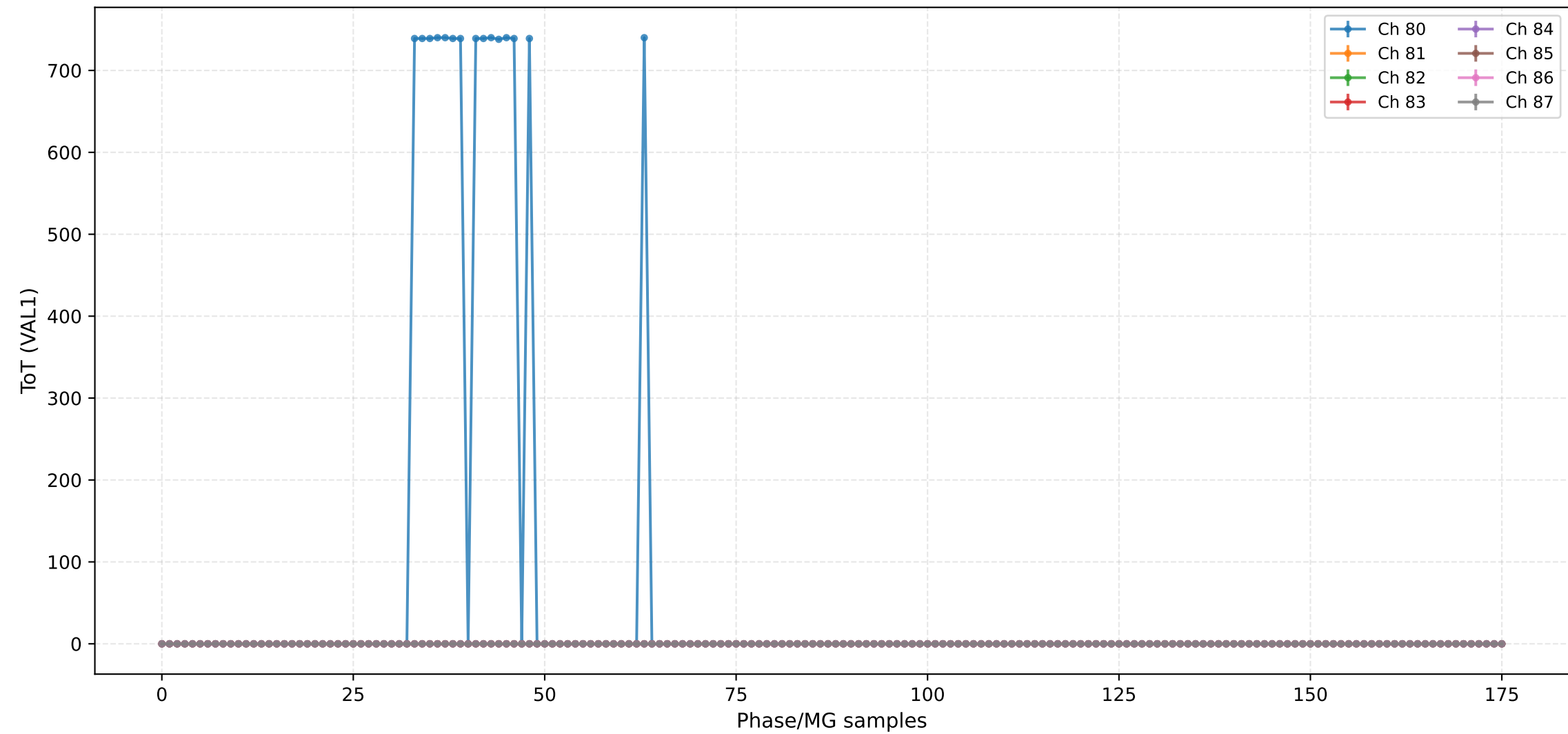
## ToT (VAL1) - Channels 64 to 71



ToT (VAL1) - Channels 72 to 79



## ToT (VAL1) - Channels 80 to 87



### ToT (VAL1) - Channels 88 to 95



ToT (VAL1) - Channels 96 to 103

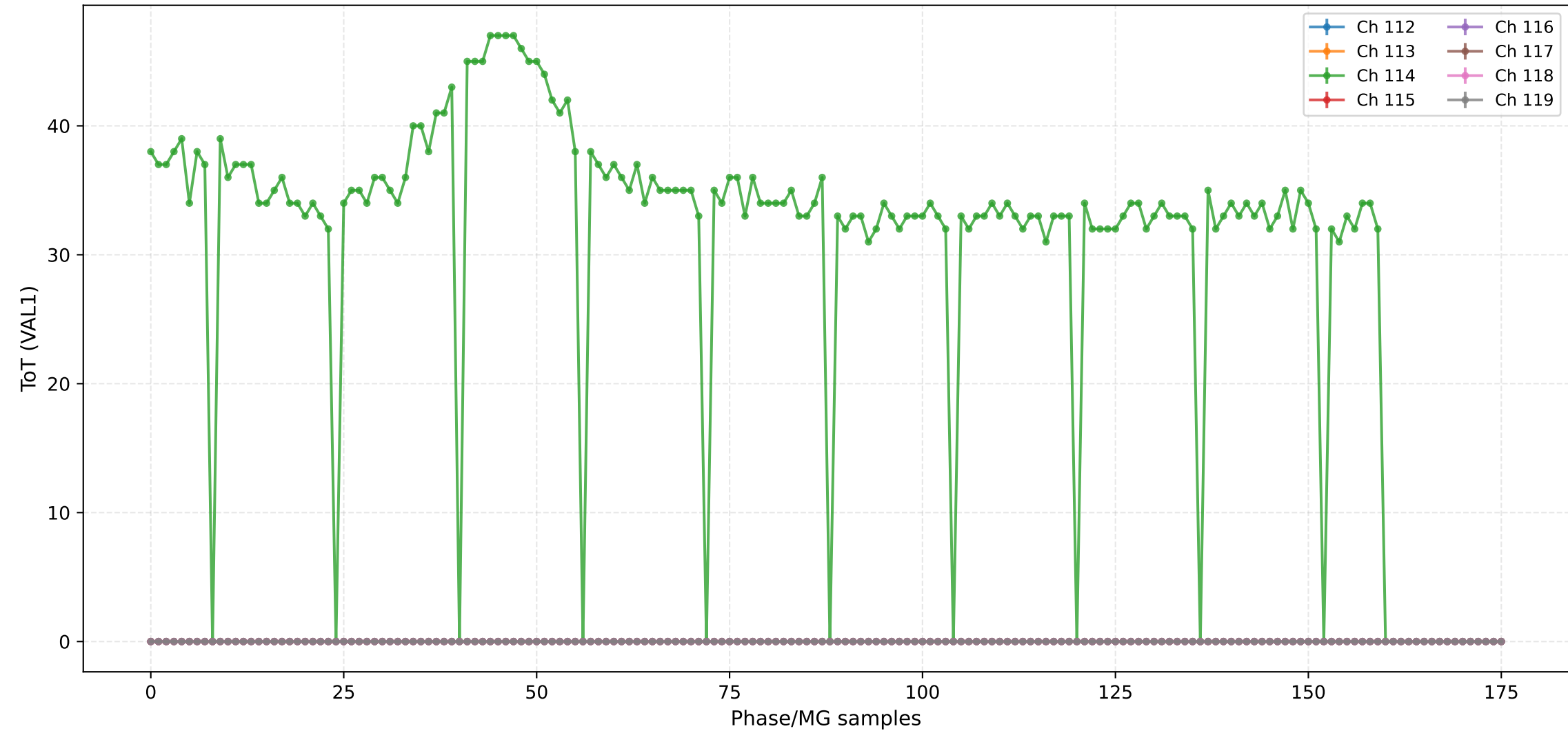




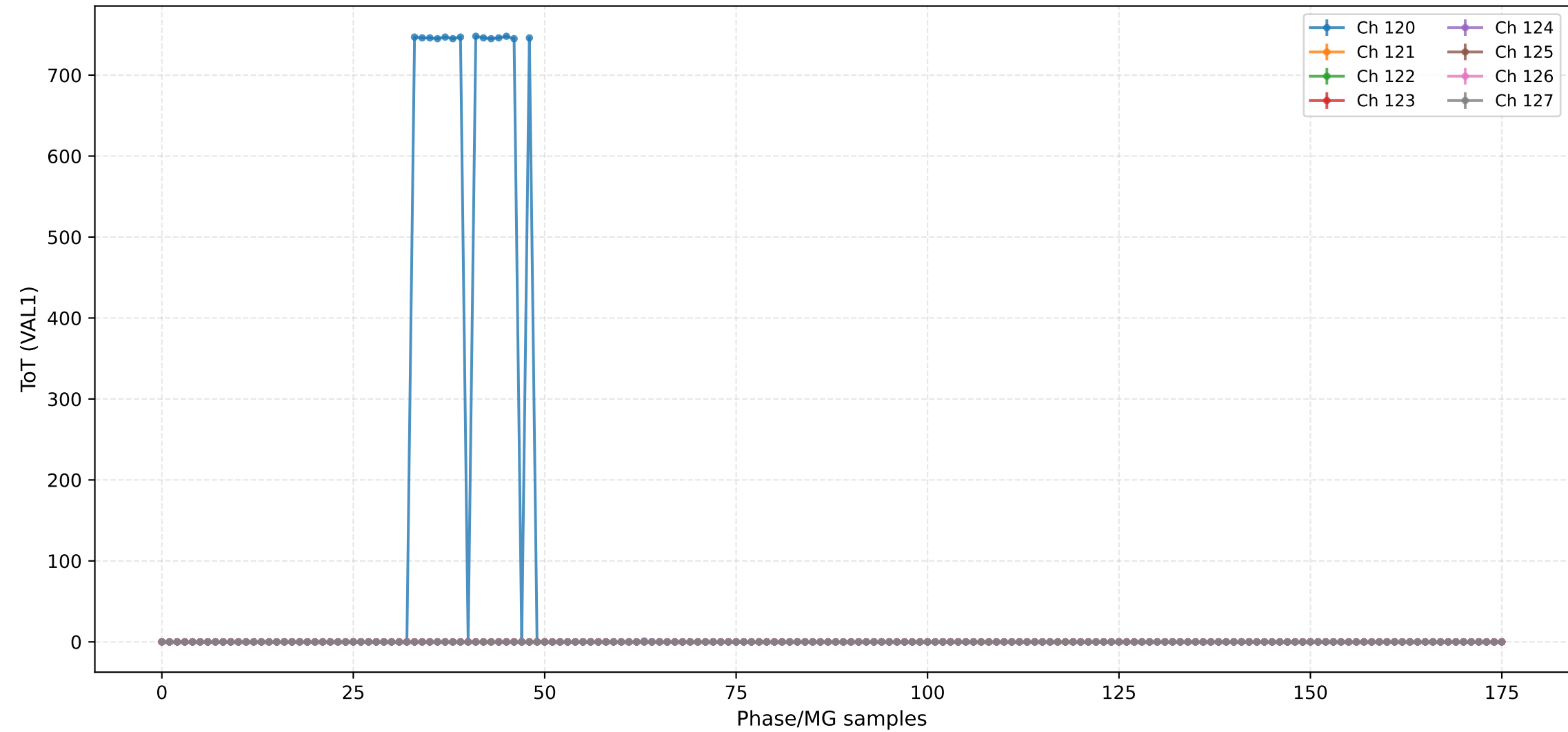
## ToT (VAL1) - Channels 104 to 111



## ToT (VAL1) - Channels 112 to 119



### ToT (VAL1) - Channels 120 to 127



## ToT (VAL1) - Channels 128 to 135



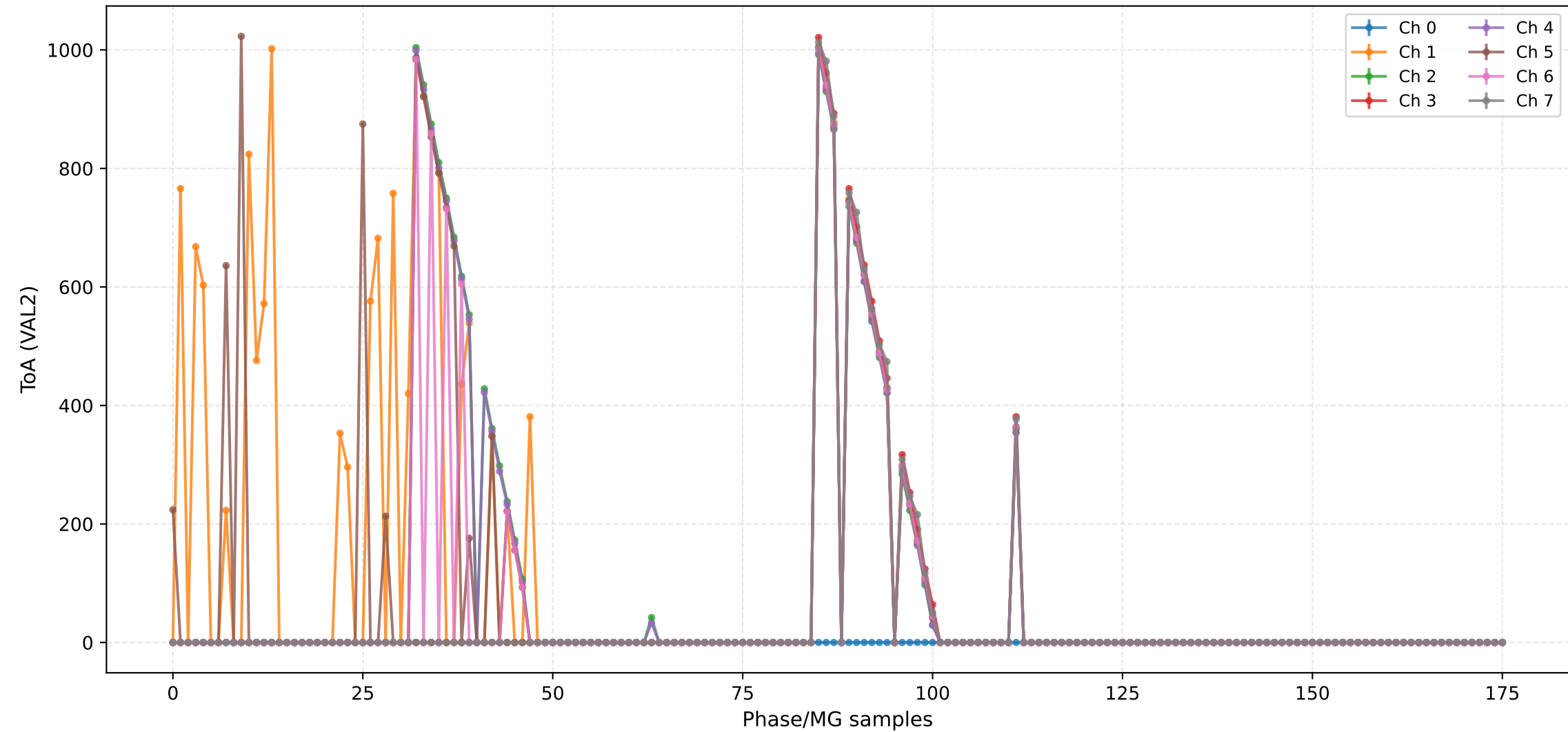
## ToT (VAL1) - Channels 136 to 143



ToT (VAL1) - Channels 144 to 151



## ToA (VAL2) - Channels 0 to 7



## ToA (VAL2) - Channels 8 to 15





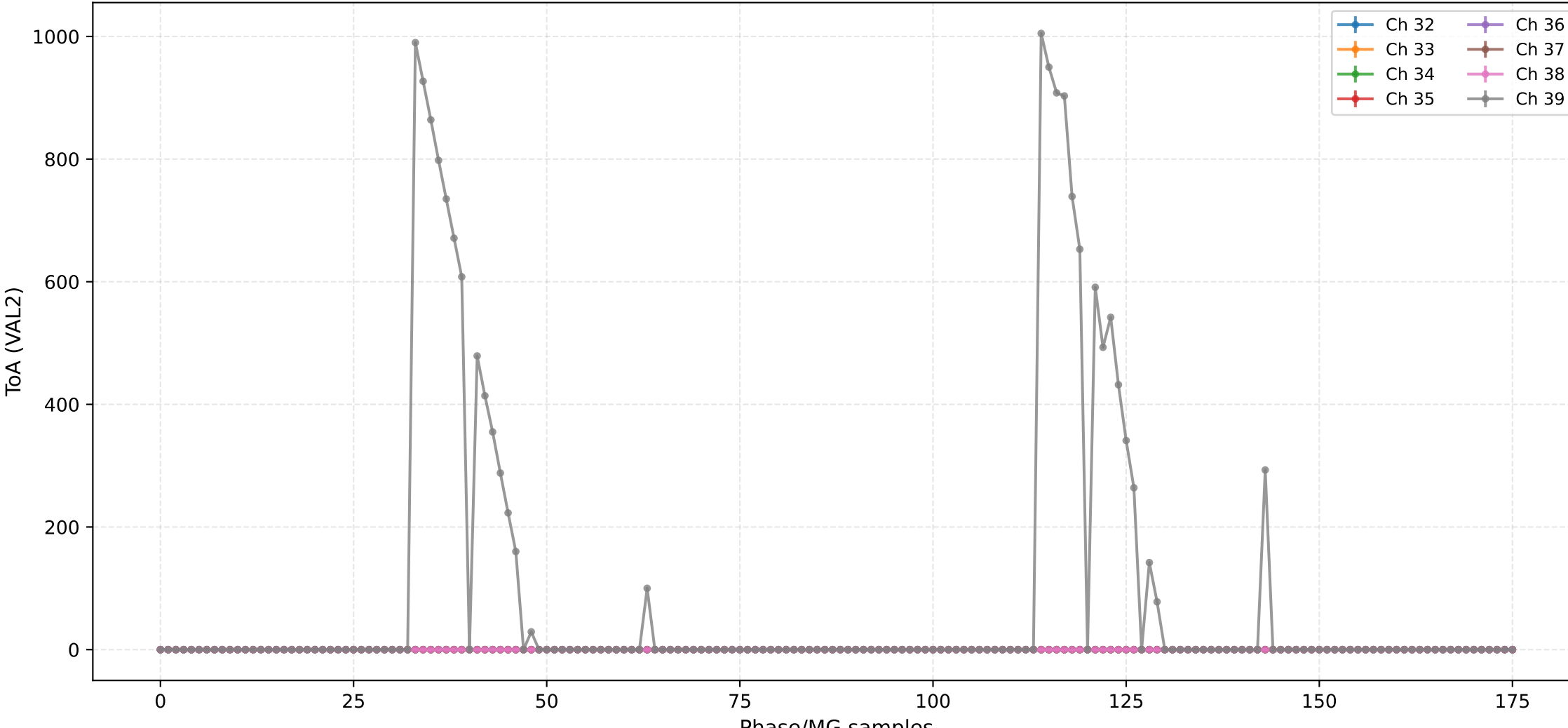
## ToA (VAL2) - Channels 16 to 23



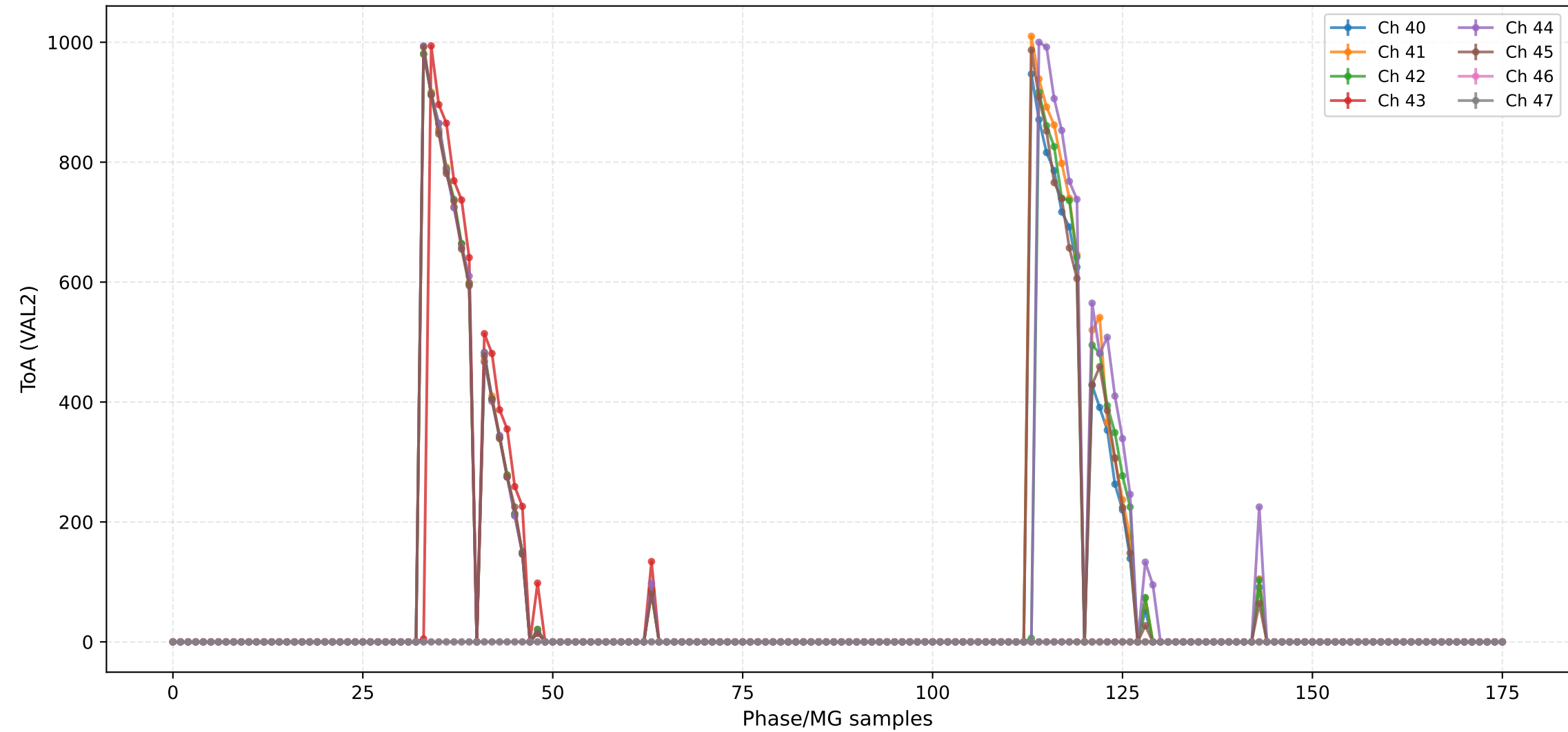
## ToA (VAL2) - Channels 24 to 31



## ToA (VAL2) - Channels 32 to 39



## ToA (VAL2) - Channels 40 to 47



## ToA (VAL2) - Channels 48 to 55



## ToA (VAL2) - Channels 56 to 63



ToA (VAL2) - Channels 64 to 71









## ToA (VAL2) - Channels 88 to 95



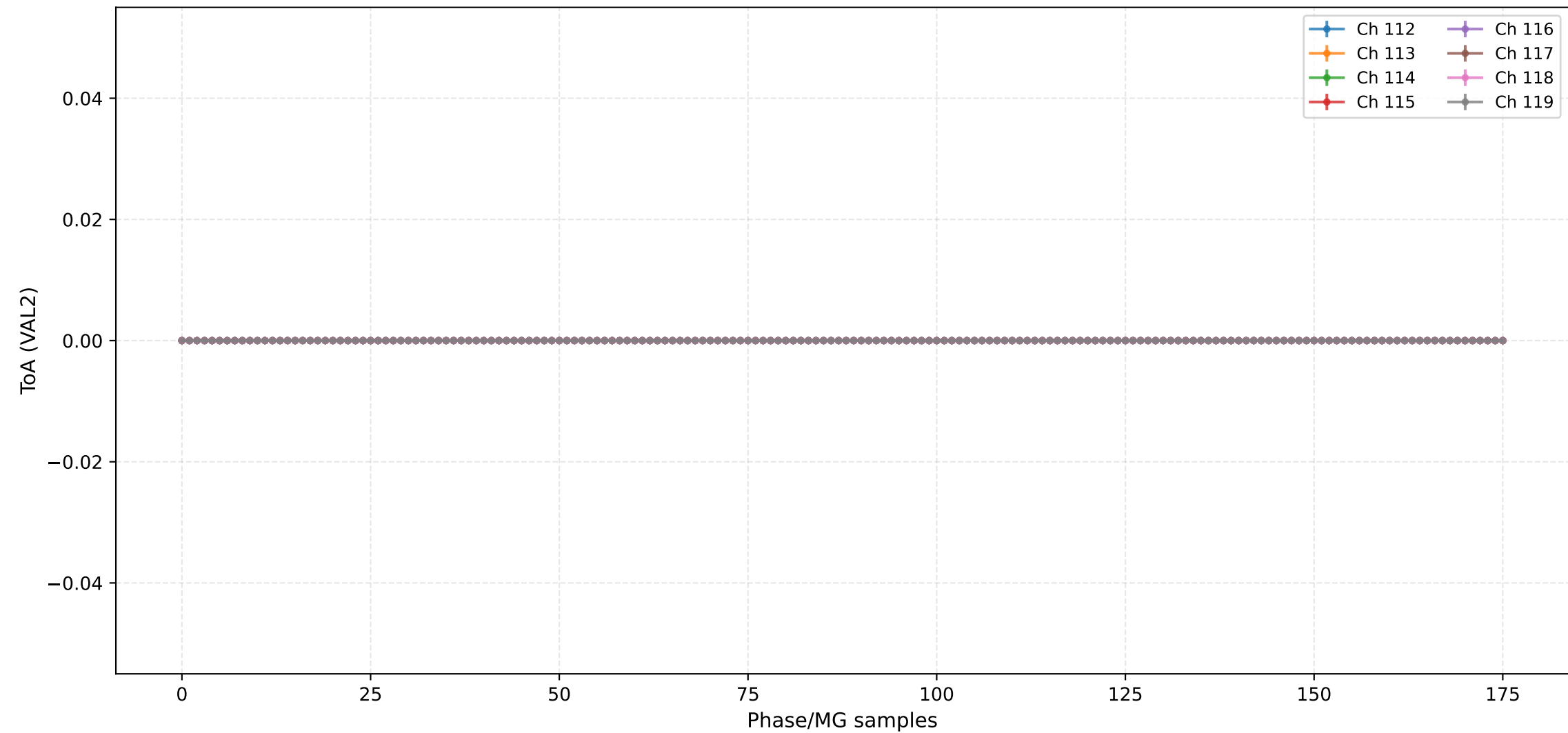
ToA (VAL2) - Channels 96 to 103



ToA (VAL2) - Channels 104 to 111



## ToA (VAL2) - Channels 112 to 119





## ToA (VAL2) - Channels 128 to 135



The plot displays the time evolution of the expectation value of the Pauli matrix  $\sigma_y$  for five channels: Ch 136, Ch 137, Ch 138, Ch 139, and Ch 140. The x-axis represents time from 0 to 150, and the y-axis represents the expectation value from -1 to 1. A horizontal line at  $y=0$  indicates that the expectation value remains constant at zero for all channels throughout the time evolution.





## ToA (VAL2) - Channels 144 to 151



## Injection Scan Results

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Script: 205\_Injection v1.0

Date: 2025-12-12 23:29:04

### Configuration:

- Total ASICs: 2
- Injection DAC: 1800
- Machine Gun: 10
- Scan Pack: 2
- Scan Channels: 16
- 2.5V Injection: True
- High Range Injection: False

### Analog Settings:

- RF: 0x-1
- CF: 0x-1
- CC: 0x-1
- CF Comp: 0x-1

### Output Files:

- 205\_Injection\_asic2\_injdac1800\_mg10\_pack2\_chn16\_val0.csv
- 205\_Injection\_asic2\_injdac1800\_mg10\_pack2\_chn16\_val1.csv
- 205\_Injection\_asic2\_injdac1800\_mg10\_pack2\_chn16\_val2.csv